

DRILL BIT CONE PROTECTOR

ABSTRACT

A drill bit for use in earth-boring operations includes a threaded upper section removably connectable to a power source, and a shank section connected thereto and having a centrally disposed longitudinal axis. The shank section further has a lower portion extending substantially vertically and parallel to the axis and a plurality of notches spaced along a perimeter thereof. The present invention further includes a plurality of carbide buttons affixed to the plurality of notches respectively for cooperating with a plurality of cones during operating conditions to thereby prevent the plurality of cones from dislodging from the lower section and for assisting an operator to bore a substantially uniform hole in a predetermined direction and about the longitudinal axis.